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1. Typical Design Office of Industrial Sewage Purification Plants, Gliwice.

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l Biprotosp, Design Office of Typical Industrial Sewage Treatment Plants, Gliwice.

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Kierownik: prof. dr H.Horet.

(DDT. toxicity.)

NOWACKI, J.

Graphic method of analyzing occupation diseases and accidents at work. p.369 OCHRONA PRACY; BEZPIECZENSTWC I WIGIENA FRACY (Ministerstwo Bracy i Opieki Spolecznej i Centralny Instytut Ochrony Pracy) Warszawa Vol. 9, no. 11, Nov. 1955

So. East European Accessions List

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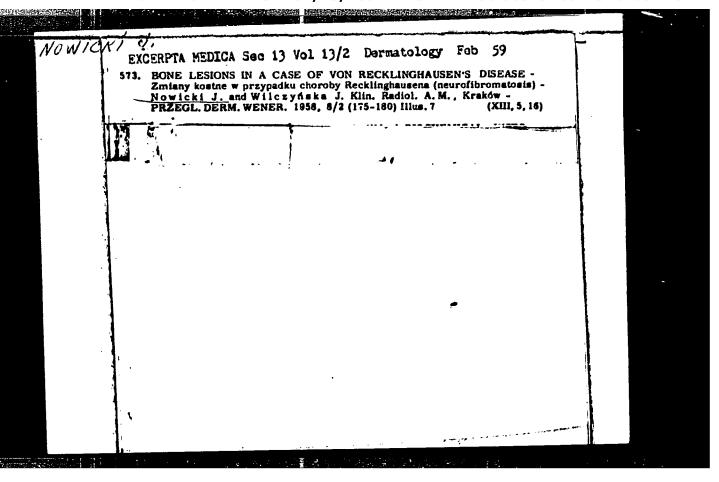
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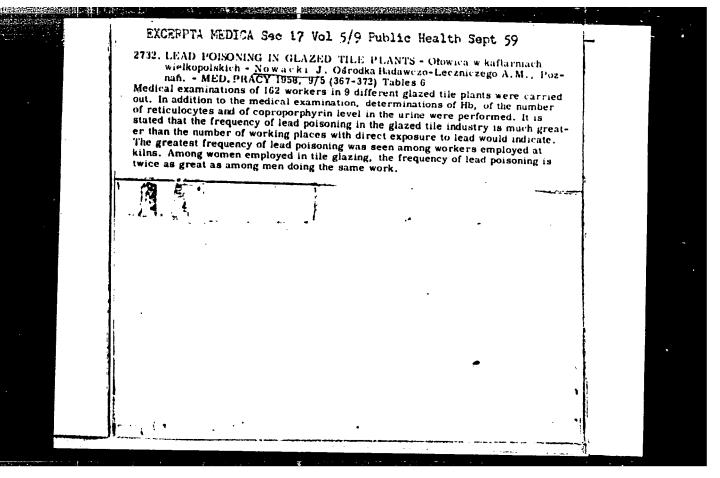
## NOWACKI, J.

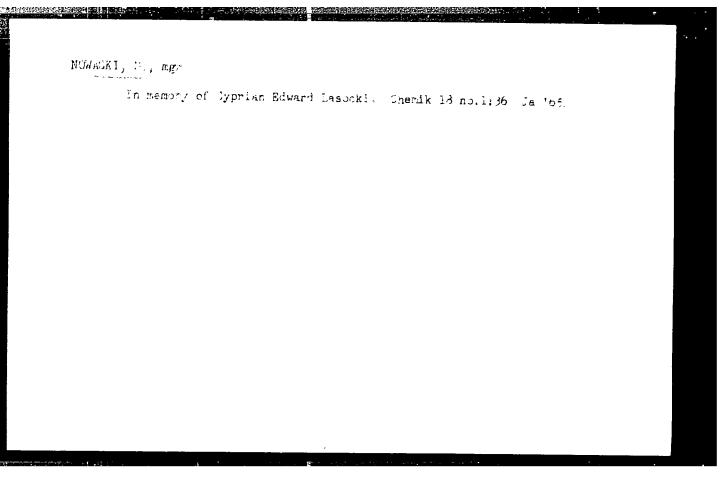
"The prophylactic administration of vitamin C."

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SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4, April 1958







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Possibilities of using Helanthrene Blue printing in view of the redox potential. Przegl włokien 16 ng.4:220-224 Ap 162

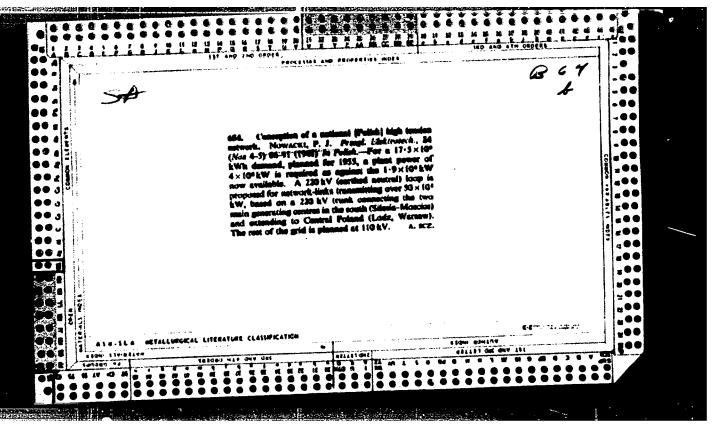
1. Instytut Przemyslu Organicznego, Lodz.

BROSS, Wiktor; KLISIECKI, Andrzej; NOWACKI, Pawel; KOCZOROWSKI, Stefan; TOPINSKI, Stanislaw; ARONSKI, Antoni

Experimental measurements of intracardiac temperature during flow of various defibriliating currents. Acta medica polona 3 no.3:231-236 62.

1. II Surgical Clinic, Medical Academy, Wroclaw Director: Prof. Dr. W. Bross Department of Physiology, Medical Academy, Wroclaw Director: Prof. Dr. A. Klisiecki The Electrotechnical Institute of the Polish Academy of Sciences, Warsaw Director: Prof. Dr. P. Nowacki.

(VENTRIBULAR FIBRILLATION)



ECECHCKI, 1 1

Nowacki P. J.

Nowacki P. J., Prof. Dr. Eng. "Calculation of Magnetic Fields in Electric Machines by Relaxation Method." (Obliczanie pol magnetycznych w maszynach elektrycznych metoda rozprezen.) Przeglad Elektrotechniczny. No 1-2-3, 1950, pp. 18-22, 11 figs.

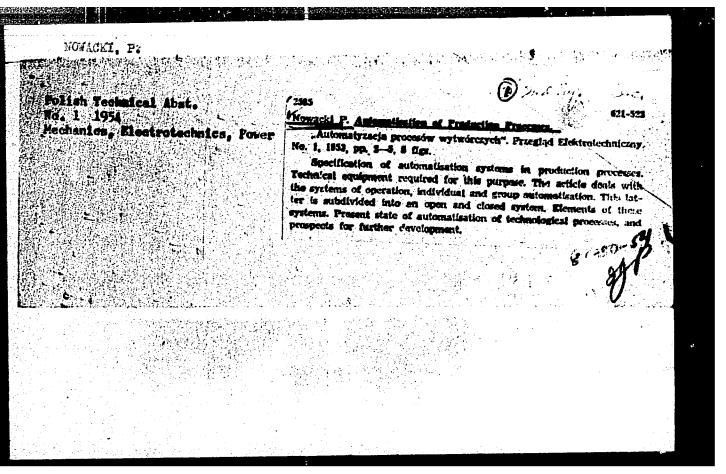
A method is advances for the calculation of magnetic and electric fields as applied especially to electric machines. Mathematically, the problem is solved by applying the equations of differences instead of the Laplace or Poisson differential equations. The method advanced is generally applicable to any shape and any boundary conditions and does not need the use of higher mathematical formulas. A detailed example is quoted of computing the ideal length of a D. C. machine armature with ventilating ducts.

SO: Polish Technical Abstracts - No. 2, 1951

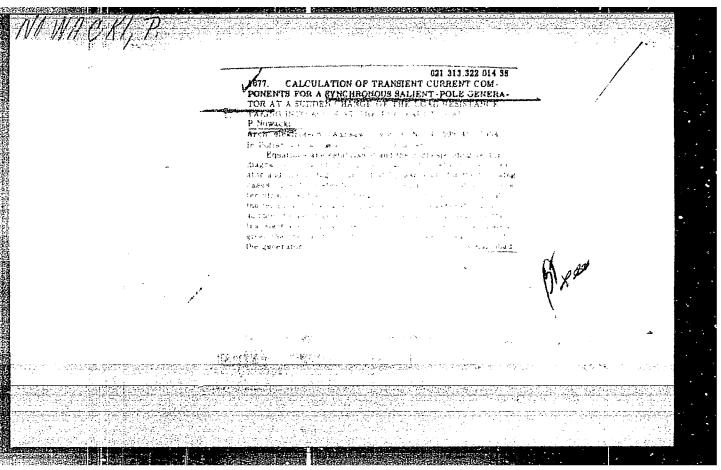
NOWACKI, PAWEL JAN

Atlas konstrukcji maszyn elektrycznych. Marszawa, Panstwowe Wydawn. Techniczna, 1951. Zatlas for the construction of electrical machines. Vol. 2. Asynchronous motors/

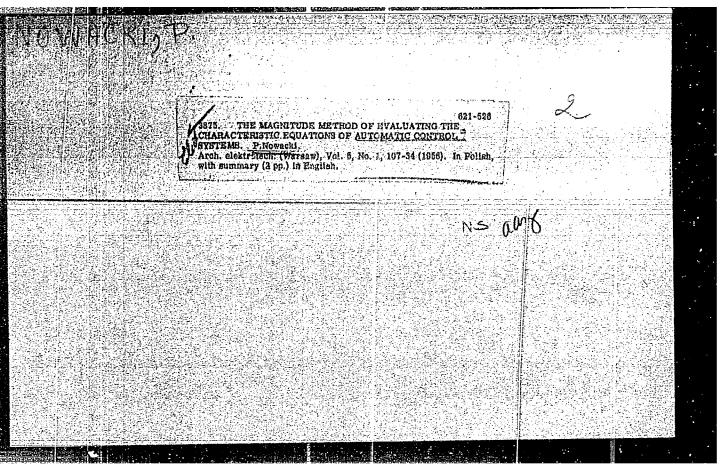
SO: Monthly List of East European Accessions, Vol. 3, No. 2, Library of Congress, Feb. 1954, Urcl.

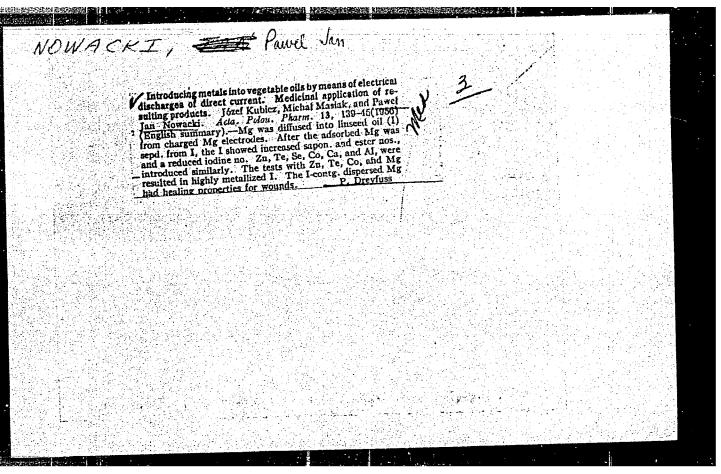


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	*Skoczyński Z., Nowacki P. Short Circuits in High Voltage Power M/ Sysiems. "Zwarcio w wysokonopięciowych układach elektrocnergotycznych".				
	Warszawa, 1954, PWT, 16°, 832 pp.  A general analysis of short circuits occurring in high voltage power systems with an O point carthed directly or by means of low resistance.				
	Melhods of calculating symmetric short circuit initial currents, analysis of short circuits in a synchronous alternator, as well as methods of calculating asymmetric short circuit currents and tensions are discussed. This description of calculating methods is supplemented with				
	examples of short circuit calculating methods commonly used in prac- lice. The book includes many sketches, practical examples and tables.		- 2루 시시다. 그렇 경영합		
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# NCWACKI, Pawel Jan; FRANKOWSKI, Waclav

Outlook for use of nuclear energy in Poland. Jaderna energie 3 no.12: 414\_416 D 157

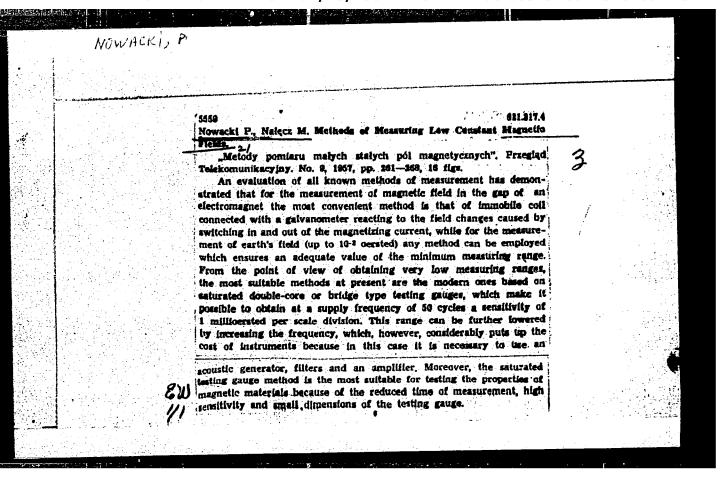
- Vysoka skola technicka, Varsava (for Nowacki).
   Ustav pro jaderny vyzkum (for Frankowski).

## NOWACKI, P.

"Calculating the fundamental frequency of complex magnetic circuits fed with voltage and current from a sinusoidal source."

p. 441 (Archiwum Elektrotechniki) Vol. 6, no. 3, 1957 Warsaw, Poland

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4, April 1958



POLIND/Nuclear Physics - Nuclear Power and Technology

C

Abs Jour : Ref Zhur Fizika, No 8, 1959, 17491

Author : Andrzejewski, S., Latour, J., N wacki, P.J., Tanve, M.,

Pomerski, R.

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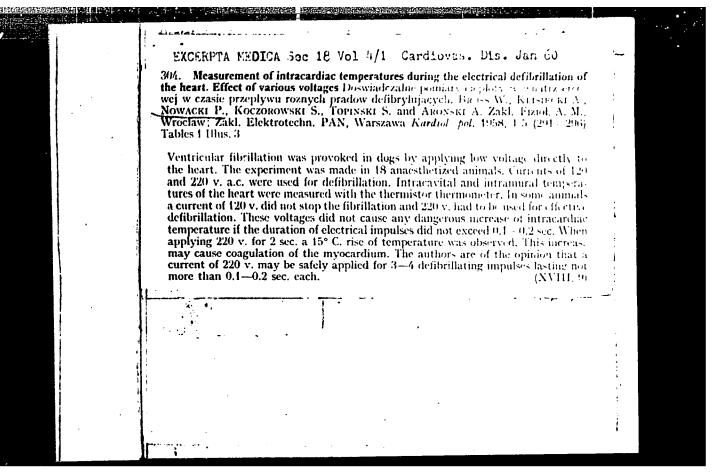
: The Perspectives of the Polish Nuclear Energy Program. Title

: Nukleonika, 1958, 3, Spec. Number, 1-10. Orig Pub

Abstract : No abstract.

Card 1/1

- 39 -



FOLAND/Nuclear Physics - Nuclear Fewer and Technology

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Abs Jour : Rof Zhur - Fizikr, No 12, 1958, No 27058

Author : Novecki Fewel Jan

Inst : Not Given

Title : Flens for the Development of Nuclear Power in Poland.

Orig Fub : Nukloonika, 1958, 3, No 1, 3-13

Abstract : No abstract

Cord : 1/1

13

POLAND / Chemical Technolog: Chemical Products and Internations. Electrochemical Industries. Electroplating. Galvanic Cells.

Abs Jour: Ref Zhur-Khimiya, 1950, No 4, 12423.

: Nowacki, Pawel; Gorski, Andrzej; Talecz, Laciej.

: Not given.

Title : Fuel Elements.

Orig Pub: Rozor. elektrotechn., 1958, 4, No 1, 53-67.

Abstract: A scheme for fuel-element function is cited as well as a classification of these elements based on the difference in their source of emf (direct and indirect reaction), type of electrolyte (liquid, condensed gas, solution of fused salt), aggregate condition of fuel, conditions of temperature and presented the salt of the salt sure. Known oxyhydrogen elements are described (of Davtyan, Bacon), and forecasts of their development are indicated. -- From the authors' resume.

Card 1/1

29

NOWACKI P.

"Asynchronous connection of synchronous engines. In French"

p. 121 (Archiwum Elektrotechniki Vol 7, no. 2, 1958, Warsaw, Poland)

Monthly Index of East European Accessions (EEAI) LC Vol, 8, no. Jan 59.

NOWACKI, P.; DRYZEK, T.

"The problems of nuclear-power engineering in underdeveloped countries at the 9th Sectional Meeting of the World Power Conference in Belgrade, June 5-11, 1957."

p. 13 (Przeglad Elektrotechniczny) Vol. 34, no. 1, Jan. 1958 Warsaw, Poland

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4, April 1958

P/021/60/000/012/001/001 A107/A026

AUTHOR:

Nowacki, P.J., Professor, Doctor

TITLE.

Nuclear Reactors on Industrial Scale

PERIODICAL:

Przegląd Elektrotechniczny, 1960, No. 12, pp- 513 - 514 The article deals with an unspecified conference on which various problems in the field of nuclear reactors were discussed. The author stresses that two facts were decisive for the problem, i.e., the foreseen shortage of conventional fuels did not become true and the technology of nuclear reactors means a competition for power engineering, but without economic effect. The economy of operation depends on the cost of fuel and on its Mw burn-up/ton power. The nuclear energy is used for driving sea vessels and for the production of thermal energy, whereas the utilization of 7 -rays and radioactive isotopes is planned. The author citing W.L. Cisler (Ref. 2), classifies the reactors in 15 groups. Papers read by French scientists L. Maillard and B. Leo (Ref. 4) and I. Roux and C.N. Leduc (Ref. 8) dealt with the development of reactors in France. The Swedish representatives E.G. Malmisw, C. Millekowsky, S. Ryman and J. Wivstad (Ref. 1) treated a heavy water reactor; P.G. Afable, C.P. Nuguid and M.R. Eugenio (Ref. 3) and G.E. Villar (Ref. 6) treated the possibilities for reactors in underdeveloped countries, i.e.

Nuclear Reactors on Industrial Scale

P/021/60/000/012/001/001 A107/A026

the Philippines and Uruguay; G. Cesoni (Ref. 5) dealt with nuclear powered sea vessels stating that the future of battleships is guaranteed, and F.K. Pittman (Ref. 7) gave an outlook on the use of nuclear energy in various industries, stressing its use in the chemical industry. The French representatives Audriot, O. Martin, C. Leduc and R. Genthial discussed results obtained with G. G2 and G3 reactors in Marcoule. The French representative Charbonnier discussed the reactor in Halden, Norway, which started work on October 10, 1959. The Hungarian reresentative Professor Levai, and the Dutch representative Schaafsma, emphasized the necessity of investigating thermal cycles in nuclear electric power plants. There are 8 references: 4 English, 3 French, and 1 Spanish.

Card 2/2

. . F.

P/021/61/000/003/001/001 A078/A126

AUTHORS:

Nowacki, Pawel Jan, Professor Doctor and Celiński, Zdzisław, Master

of Engineering

TITLE:

Conversion of heat into electric power

PERIODICAL:

Przegląd Elektrotechniczny, no. 3, 1961, 97 - 105

TEXT: Recent developments of nuclear reactors show that the classical steam-cycle is not the best way of converting heat into electric power. The authors study three particular methods of immediate conversion: 1) thermoelectric, based on thermoelectric phenomena; 2) thermionic, based on the emission of electrons from a hot surface; 3) magnetohydrodynamic, based on the reciprocal reaction between a magnetic field and a gas conductor in motion. The thermoelectrical generators, known for more than a hundred years now, have recently seen their possibilities increased by the use of semiconductors. The authors give a brief description of the thermoelectrical generator SNAP III built in the USA in January, 1959. The authors describe two prototypes of thermionic generators built at Los Alamos (USA). The authors describe the research carried out on magnetohydrodynamic generators by Avco-Everett for the USAF. In Poland, studies of

Card 1/2

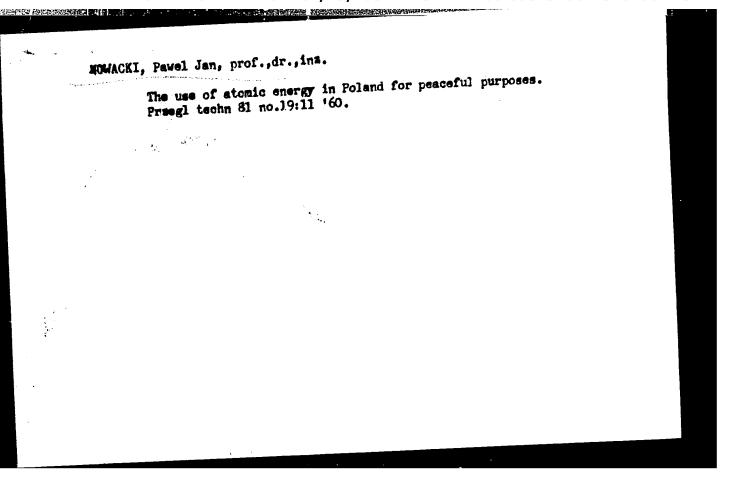
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Conversion of heat into electric power

plasmotrons and MHD generators are carried out in the Instytut Badah Jadrowych (Institute for Nuclear Research). In January 1961, the first MHD generator has begun to operate. In conclusion the authors state that ten US firms are interested in the development of MHD generators, and have organized a research program, including: basic research on the production of electric power in MHD; means of increasing the gas conductivity; materials withstanding high temperatures; utilization in connection with nuclear reactors; possibilities of a direct production of a-c; economic and technical study of MHD power plants. There are 27 figures, 3 tables and 29 references: 4 Soviet-bloc and 25 non-Soviet-bloc. The references to the 4 most recent English-language publications read as follows: Ref. 1: B.C. Lindley: The Direct Generation of Electricity (Nuclear Power, 1960, June, 100-103, July, 80-83); Ref. 2: R.C. Umler; J.O. Sensenbaugh: Direct Conversion of Energy to Electricity (Combustion, 1960, August, 30-38); Ref. 4: W.E. Shoupp: Thermoelectric Direct Conversion in Nuclear Reactors (Nuclear Energy, 1960, October, 458 - 461); Ref. 22: Power Direct from Hot Gas (Engineering, 1960, 22 January, z. 4892, 118).

ASSOCIATION: Katedra Energetyki Jądrowej Politechniki Warszawskiej (Department of Nuclear Energy Warsaw Polytechnic)

Card 2/2



THE STATE OF THE PROPERTY OF T

S/196/62/000/010/002/035 E073/E155

AUTHOR:

Nowacki, P.J.

TITLE:

Theory of the magnetohydrodynamic generator with

a constant area

PERIODICAL: Referativnyy zhurnal, Elektrotekhnika i energetika, no.10, 1962, 8, abstract 10 A35. (Inst. badan

jadrow. PAN, no. 215, 1961, 16 pp) (English, with

summaries in Polish and Russian)

Basic equations are given for calculating magnetohydrodynamic generators with a constant nozzle cross-section. Formulae are derived for the electric current and power output, and design problems are considered. A new approximate formula is given for determining the internal thermodynamic efficiency.

Abstractor's note: Complete translation.

Card 1/1

P/005/61/000/006/005/005 A076/A026

AUTHOR:

Nowacki, P.J., Professor, Doctor of Engineering

TITLE:

PERIODICAL:

Industrial Utilization of Nuclear Energy Requires Qualified Person-

nel

Przegląd Techniczny, 1961, No. 6, p. 14

The author discusses the need of qualified personnel for employing nuclear energy in industry. The new test methods based on nuclear energy found wide application in industry, with the result that young engineers must be trained in this subject. Higher technical schools should reduce the number of hours spent on theoretical studies and devote more time on experiments in laboratories. Correspondence courses on nuclear energy application, isotopes in industry, etc, should be extended, since at present only 3 institutes teach this subject, viz. the Universytet Warszawski (Warsaw University): nuclear chemistry; the Politechnika Warszawska (Warsaw Polytechnical Institute): nuclear power engineering; and the Akademia Górniczo-Hutnicza (Academy of Mining and Metallurgy) in Krakow: application of isotopes. Further, production of isotopes should be increased, since not enough isotopes are being produced by the nuclear reactor in Swierk operated by

Card 1/2

P/005/61/000/006/005/005 A076/A026

Industrial Utilization of Nuclear Energy Requires Qualified Personnel

the Instytut Badań Jedrowych (Institute of Nuclear Research). It is planned to design and build a second nuclear reactor with the aid of Soviet scientists from 1961 to 1965. Further research should be conducted on direct production of electric energy from thermal processes with the aid of thermoelectric, thermo-nuclear and magnetohydrodynamic generatros.

Card 2/2

# NOWACKI, Pawel Jan

The theory of the magnetehydrodynamic generator with constant area. Nukleonika 6 no.9:539-554 '61.

1. Pelish Academy of Sciences, Institute of Nuclear Research, Warsaw.

# NOWACKI, P.J., prof.

Prospects of reactors for the production of electric power. Przegl techn no.47:8 25 N '62.

1. Panstwowa Rada do Spraw Wykorzystania Energii Jadrowej, Warszawa.

NOWACKI, P.J.; BRZOZOWSKI, W.S.; CELINSKI, Z.

Experimental MED-generator using combustion gases (gas burner) as heat source. Bul Ac Pol tech 10 no.5:[287]-[292] 162.

1. Chair of Nuclear Engineering, Technical University, Warsaw, and Institute of Nuclear Research, Warsaw. Presented by P.J.Nowacki.

NOWACKI, Pawel, J., prof.dr inz.

Utilization of nuclear power and technological progress. Przegl techn no.46:2-3 18 N '62.

NOWACKI, S.; SWINIARSKI, M.

"Struggle for Improvement of the Quality of Meat Products in the Meat Products Factory in Lodz." p. 41. (GOSPODARKA MIESMA, Vol. 6. No. 2. Feb. 1954. Warszawa, Poland.)

SO: Monthly List of East European Accessions, (EEAL), IC, Vol. 3, No. 12, Dec. 1954, Uncl.

NOWACKI, S.; SWINIARSKI, M.

"Rationalizers and Leading Workers of the Stalinogrod Neat Products
Factory." p. 42, (GOSPODARKA MIESNA, Vol. 6, No. 2, Feb. 1954. Marszawa,

SO: Monthly List of East European Accessions, (EEAL), LC. Vol. 3, No. 12, Dec. 1954, Uncl.

Poland.)

NOWACKI, SL

NOWACKI, S. From the discussion on the 5-year Plan in the forest industry. p.65.

Vol. 7, no. 3, Mar. 1956 PRZEMYSL DRZEWNY. TLCHNOLOGY Warszawa, Poland

So. East European Accession Vol. 6, no. 2, 1957

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NOWACKI, TADEUSZ

Clagnik Zetor 25. Warzawa, Panstwowe Wydawn. Rolnicze i Lesne, 1952. 170 p. (Ciagniki rolnicze) (The Zetor 25 tractor) Not in DLC

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

#### CIA-RDP86-00513R001237610011-9 "APPROVED FOR RELEASE: 07/13/2001

WOWACKI, T.

\*Proper utilization of the hydraulic jack in a Zetor-25tractor\* (p. 39) MECHANIZACJA

I ELEKTRYFIKACJA ROLNICTWA (Panstwowe Vydawnictwo Rolnicze i Lesne) Warszawa, Vol 6, No 2. Apr/June 1953.

SO: East European Accessions List, Vol 3, No 8, Aug 1954

NOWACKI, T.

"New Czechoślovak Zetor-35 tractors" (p. 57) MECHANIZACJA I ELEKTRYFIKACJA FOLNICTWA
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WFarm machinery for interrow culture" p. 12 (plon, Vol. 4, No. 5, May 1953, Warszawa)

"Farm machinery for interrow culture" p. 12 (plon, Vol. 4, No. 5, May 1953, Warszawa)

East European Vol. 3, No. 3

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NOWACKI, T.
"Implements attached to tractors." p. 24
(Plon, Vol 4 No 4 Apr 53 Warszawa)

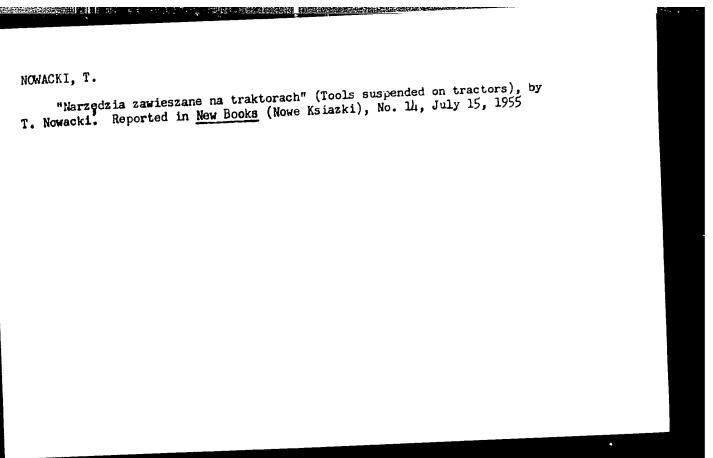
SO: Monthly List of East European Accessions, Vol 2 No 9 Library of Congress Sept 53 Uncl

#### NOWACKI . T.

Problems of startingthe Zetor 25 engine, p. 5. (ROCZNIKI NAUK ROLNICZYCH, Warszawa, Vol. 66, no. 3, 1951)

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SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, Jun. 1955, Uncl.



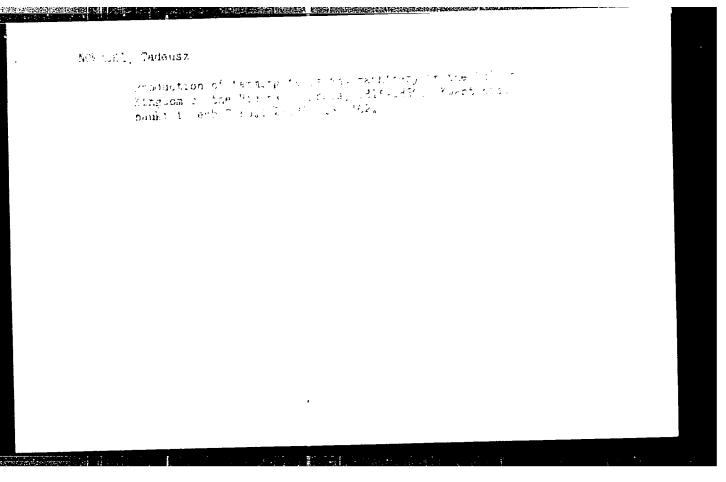
NOWACKI, TADEUSZ

Ciagniki rolnicze i samochody. /Wyd.l./ Warszawa, Panstwowe Wydawn. Rolnicze i Lesne, 1956. 578p. /Agricultural tractors and automobiles. lst. ed. illus., diagrs. graphs./

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Not in DLC

SO: Monthly List of East European Accessions (Email) LC, Vol. 6, No. 10, October 1957. Uncl.



# NOWACKI, Tadeusz Nethod of determining the level of mechanization of agricultural works. Zesa probl post nauk roln no 44:157-176

1, Central College of Agriculture, .amsaw.

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7	no.4:543-551 162	2.			

Nowacki, W. The bending of compressed continuous plate. Arch. Méc. Appl., Gdańsk 1, 67-70 (1949). (Polesh. English summary)

The author presents the solution of the partial differential equation governing the deflection w of a rectangular isotropic plate loaded uniformly with the load p and compressed by a load q distributed uniformly along the edges in the plane of the plate. He discusses three cases: (1) a plate of infinite length compressed longitudinally, (2) a plate of infinite length compressed transversally; (3) a rectangular plate simply supported, compressed by a concentrated long p. The solutions, which are in the form of tragonometric screen lead to the combinate the plasm region at the destroyed, i.e., the stresses will be in the plasm region action to will be a the plasm region and the control of the control value for buckling and only for very small compressive loads q will the load p approach the critical limit.

T. Leser (Lexington, Ky.).

WNewacki, Witold. The bending of a compressed confineous plate. Proc. Seventh Internat. Congress Appl. Week., 1048, v. 1, pp. 160-173

this appears to be a translation of the paper reviewed drive.

H. D. Conway (Ithaca, N. Y.).

Mathematical Reviews.

Vol 11 No. 4

Plates, Dicks, Shells, Membraces
26

Jis W. Nawachi, Bending of infinitry long continuous plates in Dicks, Arch Mech Stor. 1, 171-180 (1916).

The author considers at their plates a third plate in substituted into longery direct water than the mortion section the means of parallel right strongly how supports. The authorise extens from welfant to action. These leads are extensive from which is continuous the interest plates are extensive from the importance of a continuous. Empression of the interest plates of a continuous to the interest plate of a continuous to the interest plate of a continuous. It is supported in the exposer of the interest plate of a continuous to the interest plate of the interest plate of a continuous to the interest plate of the interest plate of the exposer of the interest plate of the interest plate of the interest plate of the exposer of the interest plate of the

Nowacki, W

Nowacki, W. Quelques cas particuliers de flambage des plaques. Arch. Méc. Appl., Gdańsk 2, 107-122 (1950). (Polish. French summary)

The author considers two cases: 1. A plate of infinite length freely supported on the edges, compressed at the edges by a distributed load q in the plane of the plate, and loaded by a distributed load p perpendicular to the plane of the plate. The plate is compressed additionally by two concentrated forces P and also has points of support between the edges. 2. A rectangular plate freely supported on the perimeter, compressed at two opposite edges by a distributed load q in the plane of the plate, and loaded by a distributed load p perpendicular to the plane of the plate. The case where an additional point of support is added is also considered. The solutions of the partial differential equations in the form of infinite series are found from the given conditions, and the critical values of P and q in both T. Leser (Lexington, Ky.). cases are determined.

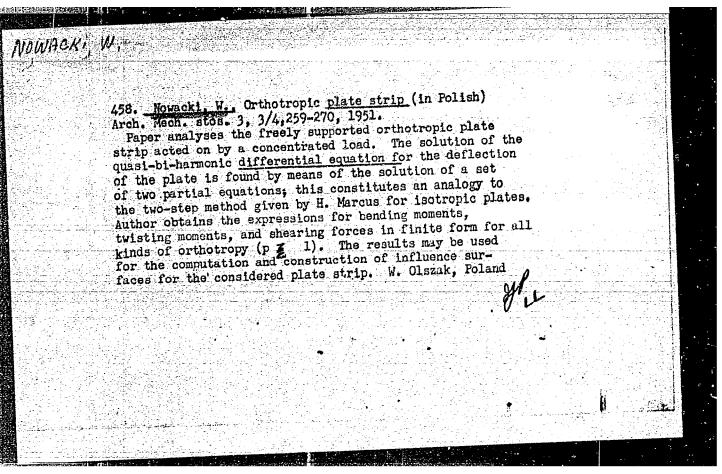
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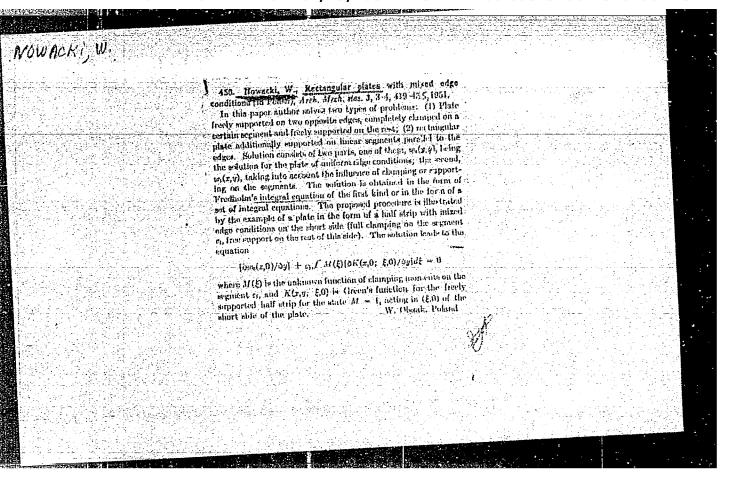
Nowacki, W. Sur les problèmes de la stabilité d'une plaque orthotrope. Arch. Méc. Appl., Gdańsk 2, 169-182 (1950). (French. Pelish summary) The buckling of an infinitely long orthotropic plate under pairs of concentrated compressive forces perpendicular to the long edges is studied by means of an approximation due to Sommerfeld [Z. Math. Physik 54, 113-153 (1907)]. The method consists in dropping the initial stress terms from the differential equations and adding a boundary condition which is equivalent to the equilibrium of the transverse forces across a section of the piate at the point where the concentrated forces are applied. The equation is solved by separation of variables and the critical loads computed from the boundary conditions. The following cases are considered: a single pair of concentrated forces, an infinite set of equal concentrated forces equally spaced, a pair of forces at the edge midpoints of a finite rectangular simply supported plate, concentrated forces with sinusoidal distributed forces acting between them, a clamped rectangular plate, two pair of concentrated forces, and a semi-infinite plate under one pair of forces. G. H. Handelman (Pittsburgh, Pa.).

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Mathematical Reviews Vol. 14 No. 10 Nov. 1953 Machanics Integral to the theory of orthotropic plates. Arch. Mcc. Appl., Gdańsk 3, 89-97 (1951). (Polish. Russian sum-

The author considers a composite plate, infinite in the y direction. The supports are parallel to the y-axis dividing the plate into parallel strips, each having different clastic. properties. The plate is orthotropic which means that the elastic constants (clasticity modulus and Poisson ratio) are different in x and y directions. The loads act along a finite line parallel to the y-axis and symmetrical with respect to the x-axis. The differential equation for plates of this kind was derived by T. Huber [La théorie générale des hourdis en beton arme, Lwow, 1914]. The author expresses the loads and the moments on the supports in the form of Fourier integrals; from the conditions of continuity on the supports he obtains a three-moment equation similar to the three-moment equation for continuous beams, and solves the problem, which means find the deflections. The total deflection is obtained by superposition of the deflection due to the load and the deflections due to the moments on the supports. A special case when one strip of an infinite plate is fixed at the edges and loaded by a concentrated force is obtained by substituting in general formulas the given conditions. It is compared with the solution of A. Nádai [Bauingenieur 2, 299-304 (1921), p. 301]. Nádai solved this particular problem in a different way and both solu-T. Leser (Lexington, Ky.). tions agree.





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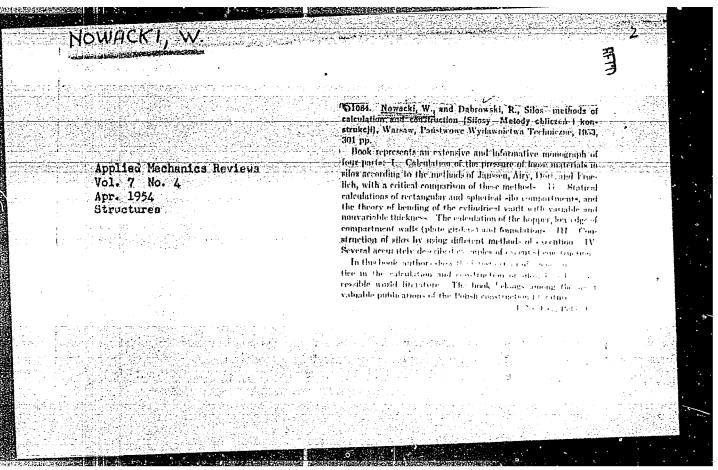
Applied Mechanics Review Vol. 7 No. 4 Apr. 1954 Structure

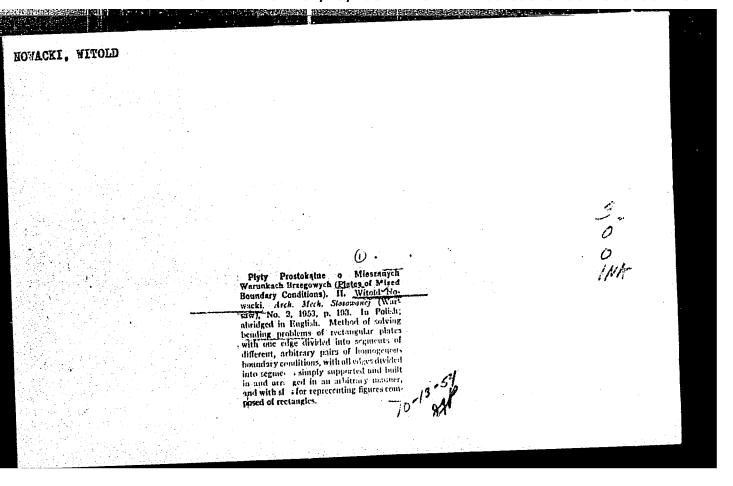
1079. Nowacki, V., On the Application of finite differences in structural mechanics (in Polish), Arch. mech. stos, 3, 3/4, 483-512, 1951. Author presents in very uniform and systematic manner the solutions of many problems, typical for structural mechanics, and shows the analogy between the solution of difference equations and the solution of integral equations. The derived solutions are given in general form and are obtained by use of the conjugate matrix of the system of equations containing three or five terms. The theory of difference equations is here applied to solving the following problems: The simultaneous bending and compression of a straight bar, and the transverse vibrations of rectangular plates compressed by forces distributed nonuniformly. In particular, author solves, by the method of finite differences, the case of vibrations of a bar with variable cross section, when the determination of the frequency of vibrations causes several difficulties. Author, analyzing the buckling of the plate, replaces the difference equations of fourth order for the rectangular plate by a system of difference equations of second order. The work contains numerical examples of calculations and compress the results obtained by the method

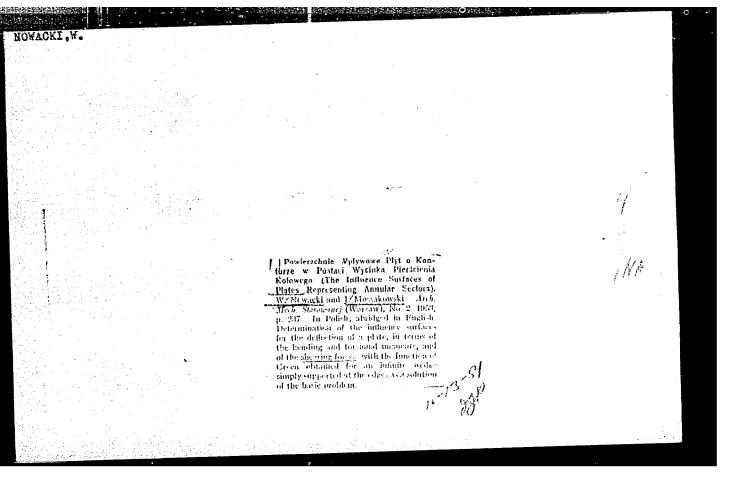
of finite differences with results obtained by other methods.

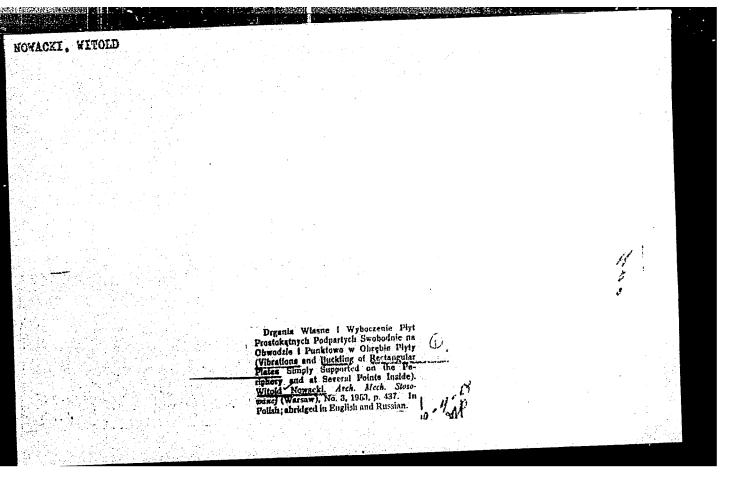
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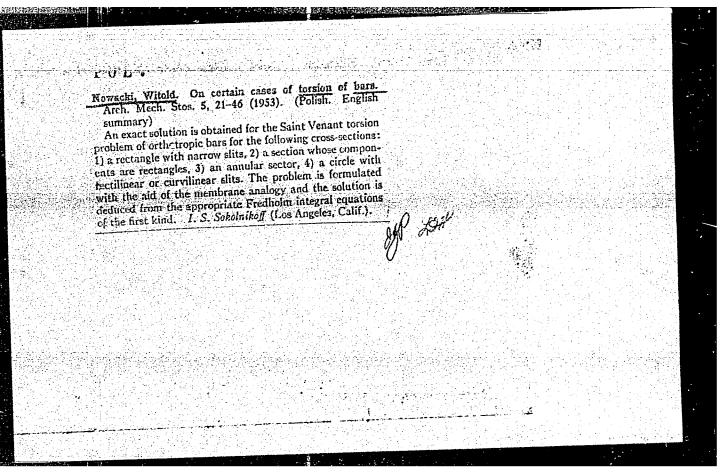
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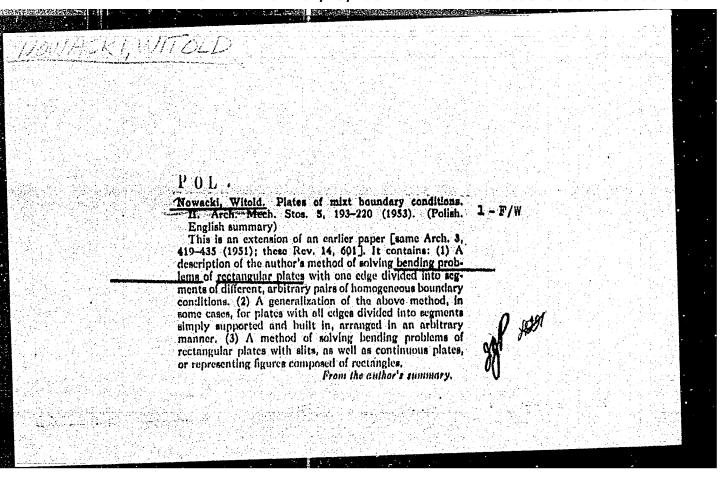


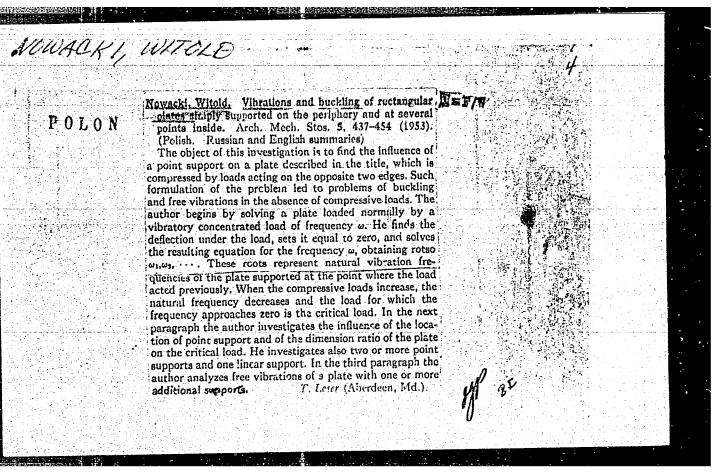


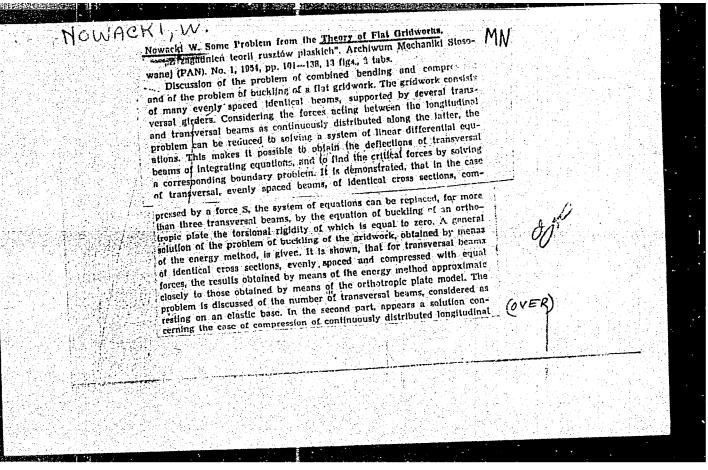


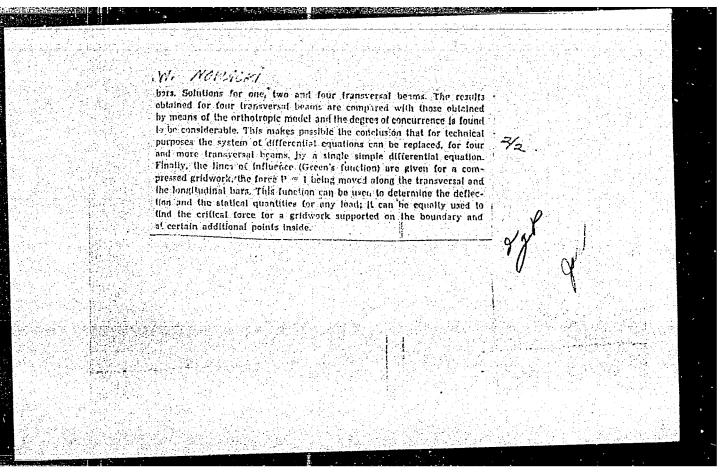


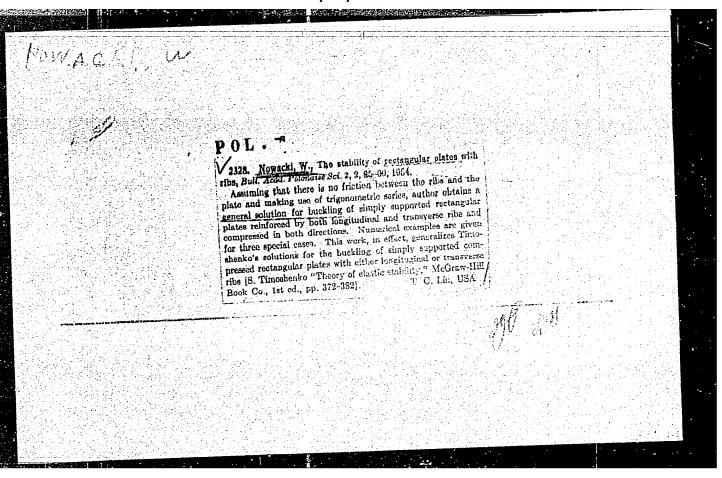


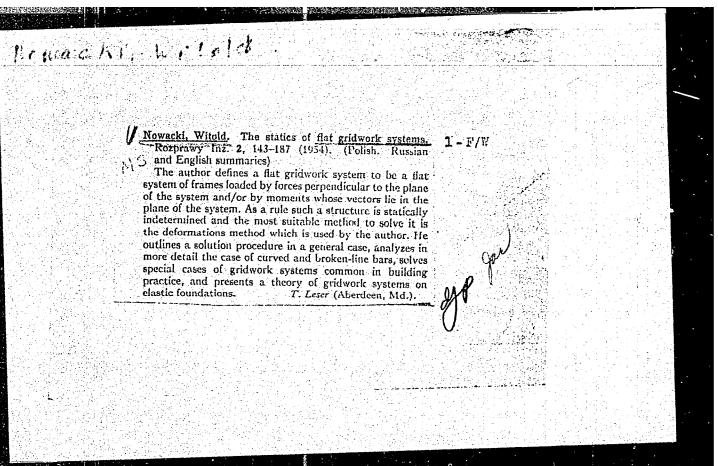


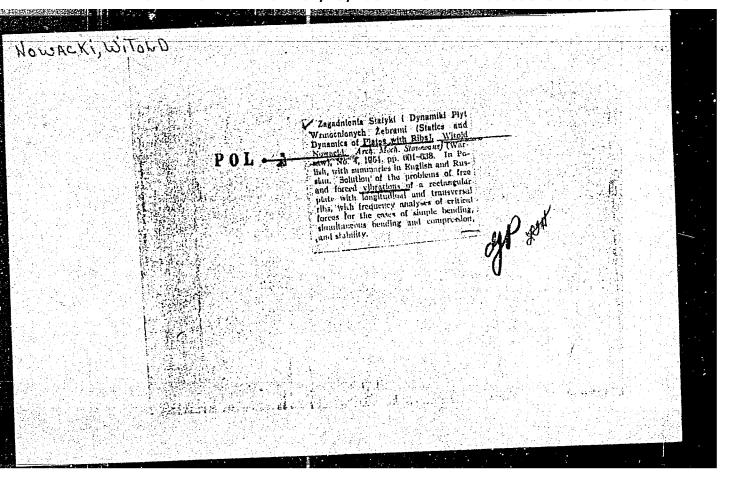


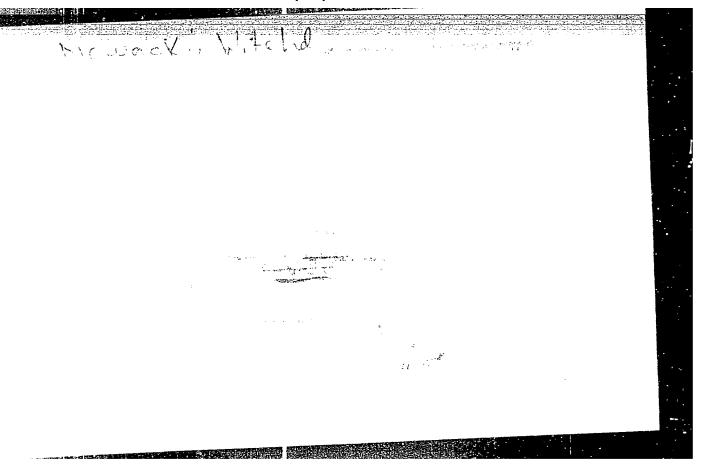










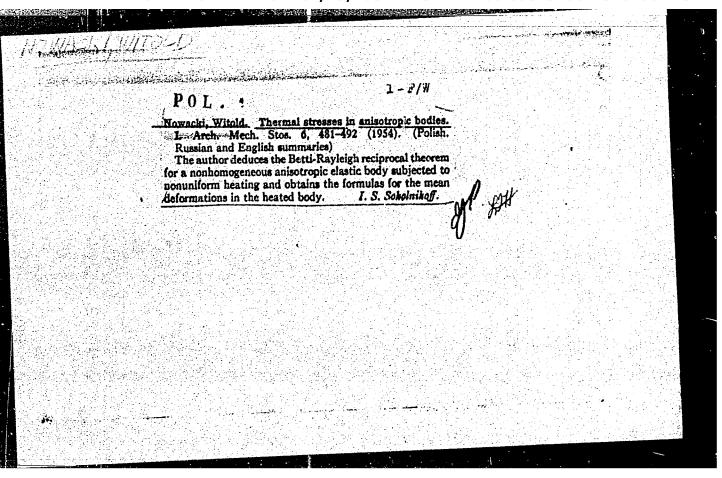


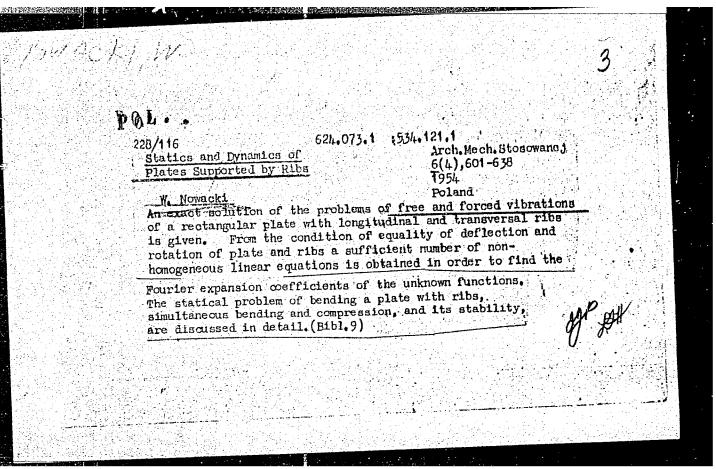
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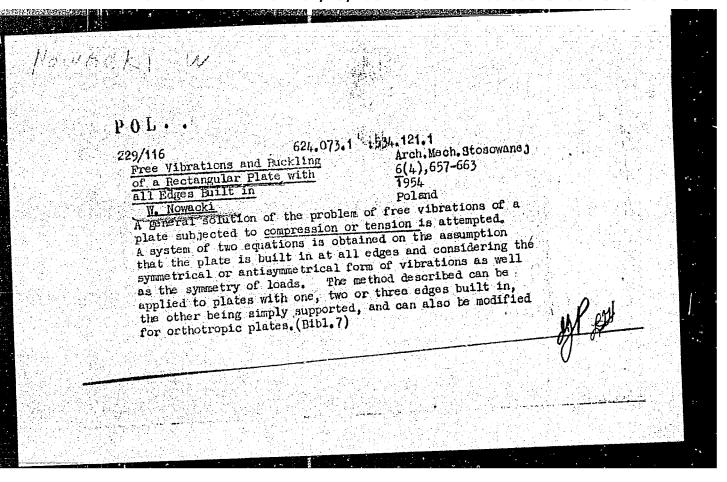
Nowacki, Whold. The determining of stresses and deformations for transversally isotropic elastic bodies.

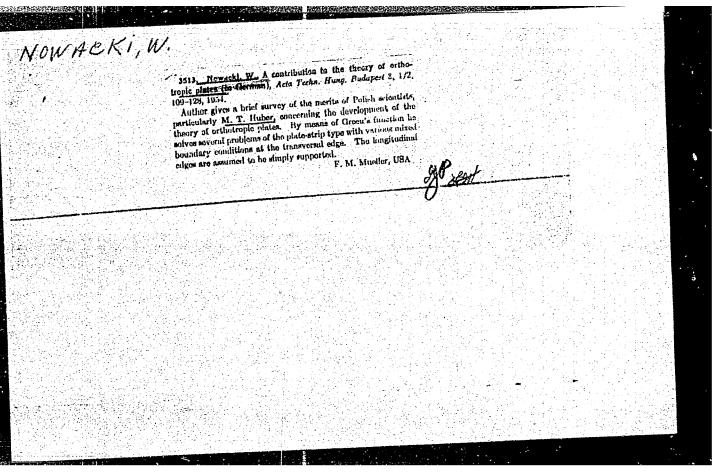
Arch. Mech. Stos. 5 (1953), 545-556 (1954). (Polish. Russian and English summarics)

The author presents a general solution of the equations of linear elasticity for transversely isotropic materials which was given earlier by Hu [Acta Sci. Sinica. 2, 145-151 (1953); these Rev. 15, 1004). Hu remarked that this solution is not complete and presented a solution which is. The author's main contribution seems to be the solution of certain boundary-value problems. Superficially, it would appear that some of these may be included among those given by Higuchi [Rep. Res. Inst. Appl. Mech. Kyushu Univ. 3, 143-145 (1954); these Rev. 16, 197]. J. L. Ericksen.







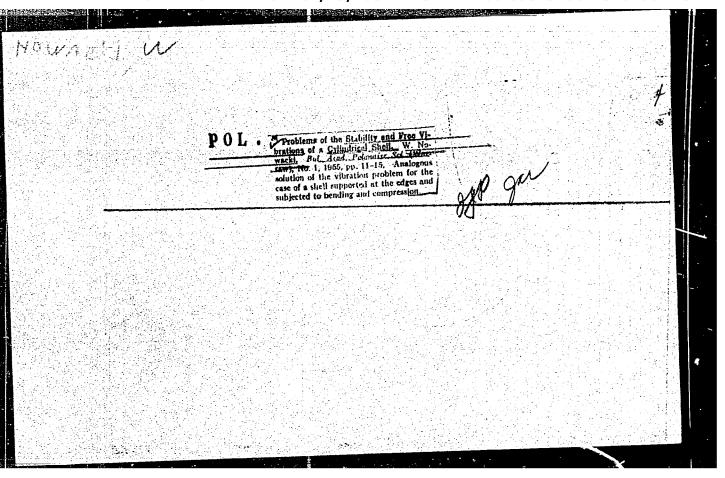


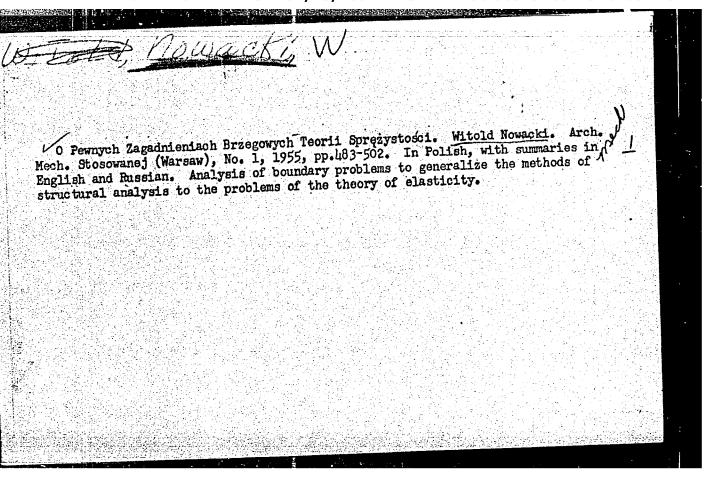
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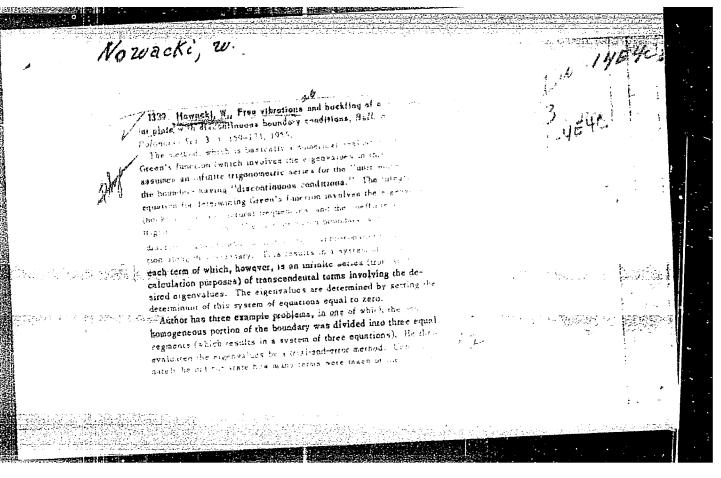
"W. Wierzbicki's Zadania z teorii naprezen, wyboczenia i drgan (Exercises in the Theory of Strains, Deformations, and Oscillations); A Book Review", P. 151. (PRZEGIAD TECHNICZNY, Vol. 75, No. 4, Apr. 1954, Warszawa, Poland)

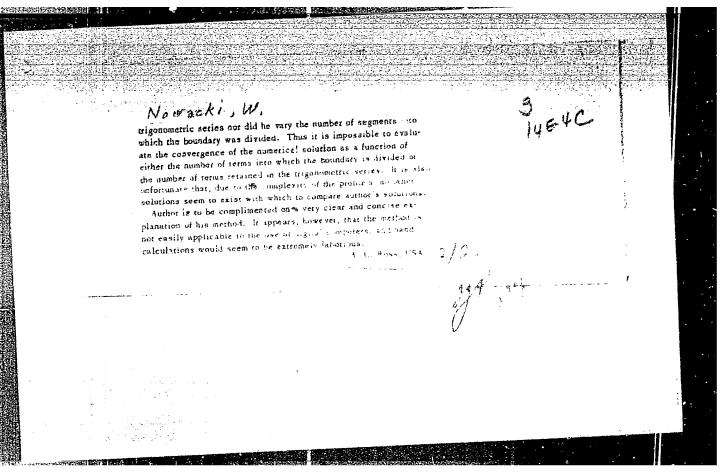
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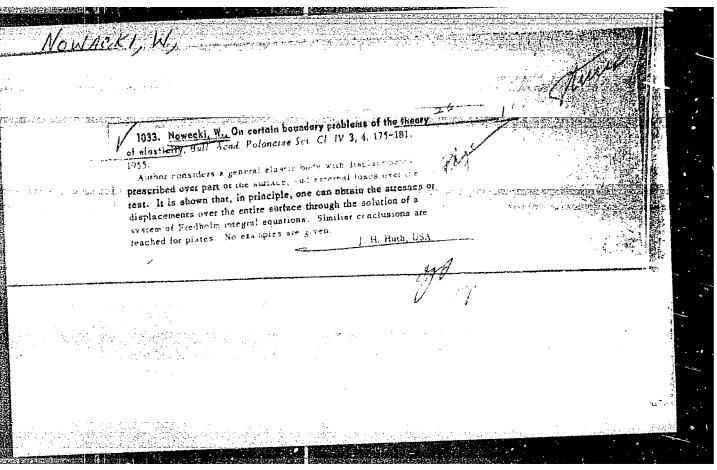
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	725.20: 021.700.0  **Nowacki W., Dahrowski R. Silus, McHadk of Calcutation and Cointiruction, 2nd ed.  "Silosy, Mctody obliczeń i konstrukcja." Wyd. 2. Warszawa, 1955.  Budown, i Archil., 160, 301 pp., 330 flys., 27 taks.	
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The stress function in three-dimensional problems come uning an electic body characterized by transverse isotropy. In English. [1, 2]

So: Sast European Accessi as List (E AL). La. Vo. 1, N. 11 Nov. 1965 and.
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